

IN THE SPECIFICATION

Please insert the following paragraph in the section entitled "Cross-reference to related applications" on page 1 of the application:

This application is a divisional application of U.S. Patent Application Serial No. 09/962,434, entitled "INTEGRATED BIOMOLECULE SENSOR, METHOD AND APPARATUS FOR FABRICATING THE SENSOR, AND METHOD AND APPARATUS FOR DETECTING BIOMOLECULES USING THE SENSOR," filed September 25, 2001 inventor Hideo Tashiro, et al., and herein incorporated by reference in its entirety.

Please replace paragraph [0009] with the following:

~~The present invention was made under the above described situations. The object of the present invention is therefore to provide an integrated biomolecule sensor and the method and apparatus for fabricating the integrated biomolecule sensor which make it possible for researchers and other people to make their own integrated biomolecule sensors according to individual requirements without need of expensive equipment. This object is achieved by using a plurality of optical fibers held together instead of a solid support for the medium to which probe polymers are immobilized. One of the objects of the present invention is to provide a kit used for fabricating an integrated biomolecule sensor, the kit which researchers and other people can easily fabricate the integrated biomolecule under individual requirements without need of expensive equipment. According to one aspect of one or more embodiments of the present invention, the kit used for fabricating the integrated biomolecule sensor comprises: an~~

holding solutions containing probe polymers with different base sequences; and an
auxiliary plate having holes, wherein the respective holes corresponding to the respective
wells of the plate.

Please delete paragraphs [0010] through [0019].